

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings in the application:

Listing of Claims:

1. (currently amended) A method for printing an image on a print medium, comprising:

positioning a front side of the print medium within a print zone to allow printing on a front side image on the front side of the print medium;

scanning a carriage containing one or more inkjet print heads ~~and a sensor over the print medium~~ while detecting at least one edge of the print medium using a sensor located over the print medium;

calculating print medium and placement characteristics based upon the detecting the at least one edge of the print medium to determine calculated print medium and placement characteristics for the print medium;

passing the print medium through a duplexing path that flips the print medium and presents a back side of the print medium in the print zone for printing a back side image;

utilizing the calculated print medium size and placement characteristics to shift an image to be printed; and

utilizing the placement characteristics to shift the back side image to align with the front side image, wherein shifting the back side image includes digitally shifting the back side image in a direction aligned with or transverse to a medium advance axis after the print medium is flipped and when the print medium is non-square and wherein the shifting the back side image includes digitally rotating the back side image after the print medium is flipped and when the print medium is non-parallel; and

printing the image on the medium.

2. (original) The method of claim 1 wherein the image extends from lateral edge to lateral edge of the medium.

3. (previously presented) The method of claim 1 wherein said actual medium size and placement characteristics include an absolute location of a point on a leading edge of the medium.

4. (previously presented) The method of claim 1 wherein said actual medium size and placement characteristics include a skew characteristic of a leading edge of the medium.

5. (canceled).

6. (previously presented) The method of claim 1 wherein said actual medium size and placement characteristics include a medium width characteristic.

7. (original) The method of claim 1 wherein said shifting said image includes digitally shifting the image in a direction aligned with or transverse to a medium advance axis.

8. (original) The method of claim 1 wherein said shifting said image includes digitally rotating the image.

9. (previously presented) The method of claim 1 wherein said shifting said image includes shifting the position of the print medium along said media feed path.

10. (original) The method of claim 1 wherein an area of the image is smaller than an area of the medium, so that margins are provided on the medium after said printing.

11. (currently amended) A method for duplex printing an image on a print medium, comprising:

positioning a front side of the print medium within a print zone;

scanning a carriage containing one or more inkjet print heads ~~and a sensor over the print medium~~ while detecting at least one edge of the print medium using a sensor located over the print medium;

calculating print medium and placement shift parameters based upon the detecting the at least one edge of the print medium to determine calculated print medium and placement characteristics for the print medium;

passing the print medium through a duplexing path to flip the print medium and present the back side of the print medium at the print zone for printing a back side image;

measuring leading edge and absolute location characteristics of the flipped print medium;

utilizing the placement shift parameters to shift the back side image to align with the front side image placement, wherein shifting the back side image includes digitally shifting the image in a direction aligned with or transverse to a medium advance axis after the print medium is flipped and when the print medium is non-square and wherein the shifting the back side image includes digitally rotating the image after the print medium is flipped and when the print medium is non-parallel;

printing a shifted back side image.

12. (original) The method of claim 11 wherein the front and back side images extend from lateral edge to lateral edge of the medium.

13. (previously presented) The method of claim 11 wherein said actual medium size and placement characteristics include an absolute location of a point on a leading edge of the medium.

14. (previously presented) The method of claim 11 wherein said actual medium size and placement characteristics include a skew characteristic of a leading edge of the medium.

15. (canceled).

16. (previously presented) The method of claim 11 wherein said actual medium size and placement characteristics include a medium width characteristic.

17. (canceled).

18. (canceled).

19. (previously presented) The method of claim 11 wherein said shifting said back side image includes shifting the position of the print medium along said media feed path.

20. (original) The method of claim 11 wherein an area of the front side image is smaller than an area of the medium, and an area of the back side image is smaller than said area, so that margins are provided on the medium after said printing of said front side image and said back side image.

21. (previously presented) The method of claim 11, wherein said determining actual size and placement characteristics of the medium is performed without printing on said print medium.